

## ABSTRACT OF THE DISCLOSURE

Disclosed herein is a packet transmission method wherein received packets are sorted into prioritized QoS packets and  
5 general packets other than the prioritized QoS packets, the sorted prioritized QoS packets are accumulated, the accumulated QoS packets are capsulated and then transmitted as a capsulated packet, and the capsulated packet is transmitted in matching with the period of a CODEC. In the preferred embodiment, there is  
10 provided a wireless LAN system comprising a base station and at least one wireless LAN terminal connected to said base station via a wireless LAN; and a packet transmission system for transmitting a packet between said base station and said at least one wireless LAN terminal via the wireless LAN, the packet transmission  
15 system. In the packet transmission system, a packet sorter sorts received packet into prioritized packets and packets other than the prioritized packets. A FIFO queue buffer (QoS queue) accumulates the sorted prioritized packets. A packet combiner capsulates the accumulated packets in the QoS queue. A wireless packet  
20 transmitter transmits the capsulated packet between the base station and the at least one wireless LAN.